

| SEARCHED | | | |
|----------|--------|---------|--------|
| Class | Sub. | Date | Exmr. |
| 455 | 433 | 4/5/03 | ARH |
| | 432 | | |
| | 426 | | |
| | 406 | | |
| | 445 | | |
| | 411 | | |
| | 461 | | |
| | 422 | | |
| Updated | search | 10/6/04 | R-R.G. |
| 455 | 432.1 | 10/6/04 | R-R.G. |
| | 432.3 | 10/6/04 | R-R.G. |
| | 432.2 | 10/6/04 | R-R.G. |
| | 435.1 | 10/6/04 | R-R.G. |
| | 435.2 | 10/6/04 | R-R.G. |
| | 426.1 | 10/6/04 | R-R.G. |
| | 410 | 10/6/04 | R-R.G. |
| | 422.1 | 10/6/04 | R-R.G. |
| | 436 | 10/6/04 | R-R.G. |
| | 456.1 | 10/6/04 | R-R.G. |

| INTERFERENCE SEARCHED | | | |
|-----------------------|-------|---------|--------|
| Class | Sub. | Date | Exmr. |
| 455 | 433 | 10/6/04 | R-R.G. |
| | 432.1 | 10/6/04 | R-R.G. |

| SEARCH NOTES (INCLUDING SEARCH STRATEGY) | | |
|---|---------|--------|
| Restriction required in KEE | Date | Exmr. |
| | 5/27/04 | R-R.G. |
| EAST Image and keyword search in USPAT, US-PGPHUS, EWD, PERKVENT, JPD, and IBM - TDBS | 10/6/04 | R-R.G. |
| Inventor name and Assignee search in EAST and PALM EXTD | 10/6/04 | R-R.G. |
| WIPO Database http://patgazette.wipo.int/ | 10/6/04 | R-R.G. |
| ERO Database http://ep.espacenet.com | 10/6/04 | R-R.G. |
| IEEE Xplore http://licexplore.ieee.org/Xplore/DynWeb.jsp | 10/6/04 | R-R.G. |
| Consulted allowance with: Lee Nguyen Charles N. Appich William G. Trust III Edward F. Urban (Call from 455) | 10/6/04 | R-R.G. |
| See attached search strategy | 10/6/04 | R-R.G. |

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